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EMPLOYMENT, HOURS AND EARNINGS

IN VIRGINIA AND ITS METROPOLITAN AREAS

AUGUST, 1986

Virginia Employment Commission
Economic Information Services Division
Post Office Box 1358
Richmond, Virginia 23211

EMPLOYMENT, HOURS AND EARNINGS
Volume 36, Number 8

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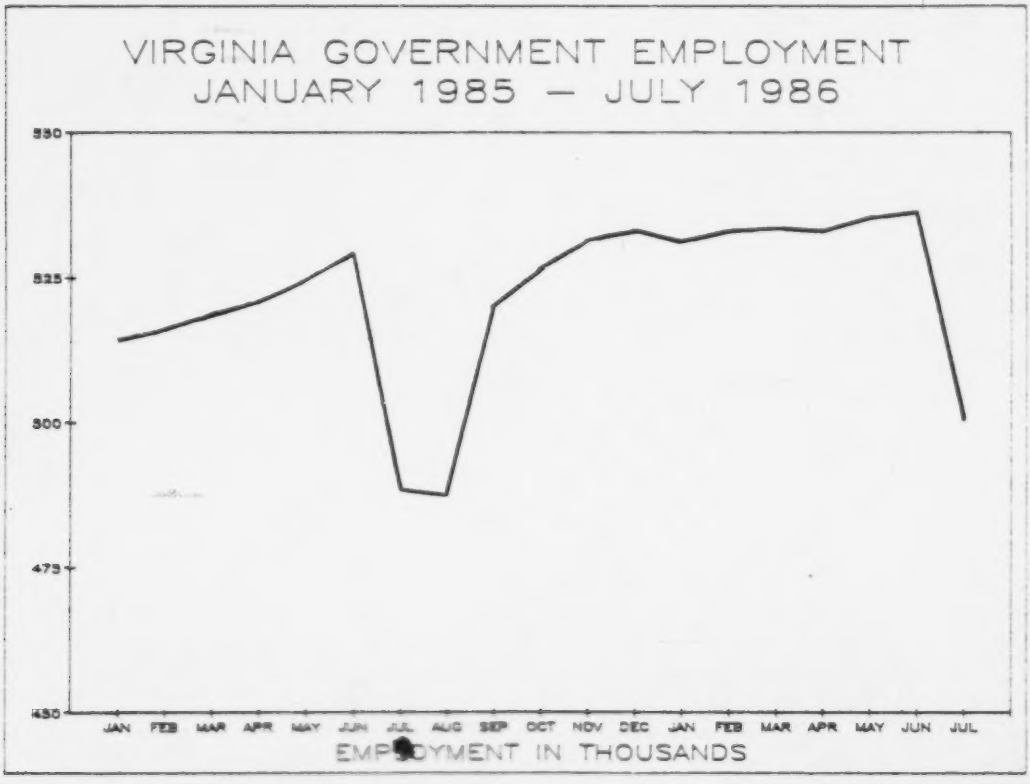
GOVERNMENT EMPLOYMENT EXPERIENCES SEASONAL TUMBLE DURING JULY 1986

TOTAL NONAGRICULTURAL EMPLOYMENT LEVELS DROPPED TO 2,534,900 WORKERS DURING JULY. This figure represents a decline of 24,400 employees over the month; however, a yearly gain of 91,800 people was reported. The cause of the descent was found in the nonmanufacturing area as educational facilities released students and nonteaching personnel for the summer.

NONMANUFACTURING EMPLOYMENT DIMINISHED BY 24,900 PEOPLE TO REACH A LEVEL OF 2,106,900 THIS PERIOD. However, an additional 81,700 hires were put on payrolls in this area since July 1985. A slight increase was noted in the services sector. Decreases in educational and personal services offset most of the strides made in the other segments. Overall, 100 new hires were added to the services category this month and 23,700 since July 1985.

GOVERNMENT EMPLOYMENT EXPERIENCED ITS USUAL SEASONAL TUMBLE DURING JULY 1986. State and local government sectors accounted for the trend as the school systems curtailed activity for the summer. A total of 36,100 wage earners were taken out of the work force in July, leaving 500,400 people in this area.



ESTIMATED EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES IN VIRGINIA

Table A-1.

INDUSTRY GROUP	EMPLOYMENT IN THOUSANDS JULY 1986	JUNE 1986	JULY 1985	NET CHANGE FROM JUNE 1986	JULY 1985
TOTAL NONAGRICULTURAL	2,534.9	2,559.3	2,443.1	- 24.4	91.8
MANUFACTURING	428.0	427.5	417.9	.5	10.1
DURABLE GOODS	204.8	203.5	198.6	1.3	6.2
LUMBER AND WOOD PRODUCTS	24.9	24.6	23.1	.3	1.8
MILLWORK, PLYWOOD AND STRUCTURAL MEMBERS	8.0	7.9	6.7	.1	1.3
WOOD CONTAINERS	1.7	1.6	1.7	.1	.0
FURNITURE AND FIXTURES	23.9	24.0	21.0	- .1	2.9
HOUSEHOLD AND OFFICE FURNITURE	22.7	22.9	19.9	- .2	2.8
STONE, CLAY & GLASS PRODUCTS	15.8	15.9	15.0	- .1	.8
CONCRETE, GYPSUM AND PLASTER PRODUCTS	7.4	7.5	7.2	- .1	.2
PRIMARY METAL INDUSTRIES	10.4	10.9	10.5	- .5	- .1
FABRICATED METAL PRODUCTS	18.8	18.7	19.2	.1	- .4
FABRICATED STRUCTURAL METAL PRODUCTS	11.6	11.5	11.8	.1	- .2
MACHINERY EXCEPT ELECTRICAL	16.0	16.1	16.1	- .1	- .1
CONSTRUCTION AND RELATED MACHINERY	4.4	4.5	4.3	- .1	.1
SPECIAL INDUSTRY MACHINERY	1.7	1.7	1.8	.0	- .1
ELECTRIC & ELECTRONIC EQUIPMENT	42.9	41.2	43.2	1.7	- .3
COMMUNICATION EQUIPMENT	18.7	16.9	17.1	1.8	1.6
TRANSPORTATION EQUIPMENT	44.9	44.9	43.4	.0	1.5
INSTRUMENTS & RELATED PRODUCTS	3.9	3.8	3.9	.1	.0
MISC. MANUFACTURING INDUSTRIES	3.5	3.4	3.2	.1	.3
NONDURABLE GOODS	223.2	224.0	219.3	- .8	3.9
FOOD & KINDRED PRODUCTS	38.2	38.2	37.5	.0	.7
MEAT PRODUCTS	13.5	13.4	12.7	.1	.8
DAIRY PRODUCTS	2.4	2.4	2.4	.0	.0
BEVERAGES	5.7	5.6	5.6	.1	.1
TOBACCO MANUFACTURES	14.1	14.3	14.8	- .2	- .7
TEXTILE MILL PRODUCTS	43.6	43.5	41.8	.1	1.8
WEAVING MILLS, COTTON, SYNTHETICS AND WOOL	14.3	14.4	14.8	- .1	- .5
NARROW FABRIC MILLS	1.3	1.4	1.1	- .1	.2
KNITTING MILLS	20.2	19.9	17.5	.3	2.7
TEXTILE FINISHING EXCEPT WOOL	3.0	3.0	3.2	.0	- .2
MISC. TEXTILE GOODS	1.4	1.5	1.4	- .1	.0
APPAREL & OTHER TEXTILE PRODUCTS	30.2	30.8	30.4	- .6	- .2
MENS & BOYS SUITS, COATS AND FURNISHINGS	10.3	10.4	10.5	- .1	- .2
WOMENS & CHILDRENS OUTERWEAR AND UNDERGARMENTS	16.4	16.6	16.0	- .2	.4
PAPER & ALLIED PRODUCTS	15.9	15.9	15.9	.0	.0
PULP, PAPER & PAPERBOARD	8.3	8.3	8.3	.0	.0
MISC. CONVERTED PAPER AND PAPERBOARD PRODUCTS, CONTAINERS AND BOXES	7.2	7.2	7.1	.0	.1
PAPERBOARD CONTAINERS AND BOXES	3.9	3.9	3.8	.0	.1
PRINTING AND PUBLISHING	30.7	30.8	29.6	- .1	1.1
NEWSPAPER AND PERIODICALS	12.9	13.0	11.9	- .1	1.0
COMMERCIAL PRINTING	11.7	11.8	11.8	- .1	- .1
CHEMICALS & ALLIED PRODUCTS	31.0	31.1	30.8	- .1	.2
PLASTICS MATERIALS AND SYNTHETICS	17.7	17.6	17.8	.1	- .1
MISC. CHEMICAL PRODUCTS	5.2	5.2	5.2	.0	.0
PETROLEUM, RUBBER & MISC. PLASTICS PRODUCTS	16.7	16.6	15.6	.1	1.1
MISC. PLASTICS PRODUCTS	10.2	10.2	9.2	.0	1.0
LEATHER & LEATHER PRODUCTS	2.8	2.8	2.9	.0	- .1

(Continued on page 3)

ESTIMATED EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES IN VIRGINIA

(Continued from page 2)

INDUSTRY GROUP	EMPLOYMENT IN THOUSANDS JULY 1986	JUNE 1986	JULY 1985	NET CHANGE FROM JUNE 1986	JULY 1985
NONMANUFACTURING	2,106.9	2,131.8	2,025.2	- 24.9	81.7
MINING	17.1	17.3	17.6	- .2	- .5
BITUMINOUS COAL AND LIGNITE MINING	14.4	14.6	14.8	- .2	- .4
CONSTRUCTION	171.4	169.0	161.2	2.4	10.2
TRANSPORTATION & PUBLIC UTILITIES	135.1	130.0	133.7	5.1	1.4
RAILROAD TRANSPORTATION	11.6	11.6	12.2	.0	- .6
TRUCKING & WAREHOUSING	31.7	31.8	31.4	- .1	.3
TRANSPORTATION BY AIR	18.4	18.2	16.9	.2	1.5
COMMUNICATION	38.0	33.6	38.6	4.4	- .6
ELECTRIC, GAS & SANITARY SERVICES	20.6	20.1	19.9	.5	.7
WHOLESALE & RETAIL TRADE	577.9	575.2	549.2	2.7	28.7
WHOLESALE TRADE	122.6	122.1	118.1	.5	4.5
WHOLESALE TRADE - DURABLE GOODS	78.0	77.7	75.4	.3	2.6
WHOLESALE TRADE - NONDURABLE GOODS	44.6	44.4	42.8	.2	1.8
RETAIL TRADE	455.3	453.1	431.1	2.2	24.2
GENERAL MERCHANDISE STORES	60.3	60.8	58.8	- .5	1.5
DEPARTMENT STORES	47.7	48.1	47.1	- .4	.6
VARIETY STORES	11.0	11.2	10.1	- .2	.9
FOOD STORES	71.7	71.2	69.4	.5	2.3
AUTOMOTIVE DEALERS AND SERVICE STATIONS	53.5	53.4	51.9	.1	1.6
APPAREL & ACCESSORY STORES	23.2	23.3	23.2	- .1	.0
FURNITURE AND HOME FURNISHING STORES	24.9	25.4	23.7	- .5	1.2
EATING & DRINKING PLACES	146.4	144.4	132.4	2.0	14.0
MISCELLANEOUS RETAIL	57.9	57.3	55.2	.6	2.7
FINANCE, INSURANCE AND REAL ESTATE	132.4	131.3	126.3	1.1	6.1
BANKING	34.4	34.2	33.9	.2	.5
CREDIT AGENCIES OTHER THAN BANKS	21.3	21.0	17.9	.3	3.4
SECURITY, COMMODITY BROKERS & SERVICES	3.6	3.6	3.5	.0	.1
INSURANCE CARRIERS	23.4	23.2	22.2	.2	1.2
REAL ESTATE	34.3	33.9	33.8	.4	.5
SERVICES	572.6	572.5	548.9	.1	23.7
HOTELS AND OTHER LODGING PLACES	43.4	42.4	41.3	1.0	2.1
PERSONAL SERVICES	30.2	30.5	28.7	- .3	1.5
BUSINESS SERVICES	148.1	147.8	141.7	.3	6.4
AUTO REPAIR SERVICES & GARAGES	16.7	16.5	16.1	.2	.6
MISC. REPAIR SERVICES	7.4	7.3	7.0	.1	.4
MOTION PICTURES	3.2	3.1	3.5	.1	- .3
AMUSEMENT AND RECREATION SERVICES	21.4	21.4	22.0	.0	- .6
HEALTH SERVICES	132.4	131.8	127.4	.6	5.0
HOSPITALS	67.9	67.7	65.2	.2	2.7
EDUCATIONAL SERVICES	22.1	26.9	21.8	- 4.8	.3
GOVERNMENT	500.4	536.5	488.3	- 36.1	12.1
FEDERAL GOVERNMENT	170.0	169.9	171.6	.1	- 1.6
STATE & LOCAL GOVERNMENT	330.4	366.6	316.6	- 36.2	13.8
STATE GOVERNMENT	113.3	128.9	109.6	- 15.6	3.7
LOCAL GOVERNMENT	217.0	237.7	207.0	- 20.7	10.0

Current month's estimates are preliminary. Estimates include all full-time and part-time wage and salary workers who worked during or received pay for the pay period including the twelfth of the month. Self-employed persons are excluded. Employment series have been adjusted to first quarter 1985 benchmark levels.

NOTE: Detail may not add to totals because of rounding.

GOVERNMENT EMPLOYMENT EXPERIENCES
SEASONAL TUMBLE DURING JULY 1986
(Continued from page 1)

TRANSPORTATION AND PUBLIC UTILITIES EMPLOYMENT WAS BACK IN THE PLUS COLUMN DUE TO THE RESOLUTION OF A MAJOR STRIKE IN THIS DIVISION. Employment rose to 135,100 for a gain of 5,100 people in this segment. Construction, wholesale and retail trade, finance, insurance and real estate, and services continued to reach new highs during July 1986. Growth in these areas offset a portion of the sizeable downtrend evident in government and a smaller one in mining.

MANUFACTURING EMPLOYMENT MOVED UP SLIGHTLY DURING THIS PERIOD. An additional 500 staff were reported in this industry over the month and 10,100 were added since July 1985. Closings and shutdowns in several industries kept the increase low despite a sizeable number of workers returning after a strike.

THE 321,900 PERSONS ON FACTORY PAYROLLS RECEIVED AN AVERAGE WEEKLY EARNING OF $353.82 IN JULY 1986. This was a decrease of $4.12 from June 1986 and a gain of $17.22 over the year. Average weekly hours dropped to 39.8 during the month. The over-the-month decrease was six-tenths of an hour. Average weekly hours were two-tenths of an hour longer than July 1985. A gain of $.03 over the month put average hourly earnings at $8.89. This was $.39 more than the $8.50 earned in July 1985.

* * * * * *

THE CONSUMER PRICE INDEX - JULY 1986

THE U. S. DEPARTMENT OF LABOR'S BUREAU OF LABOR STATISTICS ALL URBAN CONSUMERS PRICE INDEX (CPI-U) REMAINED VIRTUALLY UNCHANGED IN JULY AT A LEVEL OF 328.0 (1967 = 100). For the 12-month period ending in July, the CPI-U increased 1.6 percent. The Consumer Price Index for Urban Wage Earners and Clerical Workers (CPI-W) also remained virtually unchanged in July. The July 1986 CPI-W level of 322.9 (1967=100) was 1.3 percent higher than the July 1985 index. The CPI for August 1986 will be released September 23, 1986, and may be obtained by calling (804) 786-4490.

Table A-2.

VIRGINIA

EMPLOYEES IN NONAGRICULTURAL ESTABLISHMENTS BY INDUSTRY DIVISIONS ANNUAL AVERAGES 1976–1985 JANUARY 1982 TO DATE (IN THOUSANDS)

Year and Month	Total 1/	Manufacturing	Mining	Construction	Transportation and Public Utilities	Wholesale and Retail Trade	Finance, Insurance and Real Estate	Services	Government 1/
Annual Average									
1976	1,848.1	387.7	21.8	111.8	104.4	386.7	86.3	312.8	436.6
1977	1,930.4	400.8	22.0	119.0	105.9	405.6	91.7	331.8	453.6
1978	2,033.5	409.4	20.5	130.2	107.6	428.1	97.1	357.9	482.7
1979	2,115.0	413.8	23.3	138.4	114.2	443.9	104.4	383.5	493.5
1980	2,157.2	413.8	22.7	128.3	115.8	451.2	105.9	408.3	511.2
1981	2,160.8	414.0	21.7	116.3	117.6	460.4	106.1	418.3	506.6
1982	2,146.4	397.2	22.1	103.8	119.0	462.4	106.9	434.8	500.1
1983	2,206.9	403.6	17.4	113.9	120.4	480.2	110.1	460.4	500.9
1984	2,333.3	421.3	18.3	132.8	127.2	516.5	117.1	495.1	505.0
1985	2,447.1	423.3	17.3	151.3	131.8	545.2	122.9	537.6	517.6
1982:									
January	2,104.1	400.8	24.1	93.4	117.0	452.0	104.4	413.5	499.0
February	2,104.3	400.8	23.8	94.1	116.8	447.1	104.5	416.7	500.5
March	2,115.1	398.1	24.0	96.8	116.7	447.2	104.7	422.2	505.4
April	2,149.2	397.4	24.6	102.9	118.8	456.1	106.1	432.8	510.6
May	2,160.4	396.3	24.0	107.0	119.8	460.6	106.9	435.1	510.7
June	2,180.2	397.6	22.5	108.3	120.7	463.6	108.6	444.6	514.3
July	2,152.9	395.6	21.9	109.6	119.8	466.0	108.9	446.7	484.3
August	2,153.9	396.0	21.6	109.1	120.5	467.4	108.8	446.8	483.8
September	2,159.2	398.1	21.3	108.1	120.0	467.7	108.0	445.4	490.6
October	2,156.1	398.2	20.5	106.7	119.8	467.8	106.9	440.0	496.2
November	2,160.4	395.0	19.6	106.1	119.2	472.8	107.3	437.2	503.3
December	2,161.2	392.9	17.8	103.5	119.2	480.9	107.5	436.9	502.4
1983:									
January	2,121.8	388.5	20.3	97.2	117.8	459.7	105.8	437.8	498.1
February	2,115.9	388.8	16.5	95.8	116.6	450.1	106.0	438.8	503.4
March	2,139.6	391.6	16.6	99.6	118.2	455.8	106.5	446.4	504.9
April	2,173.0	396.4	17.0	106.6	119.7	466.5	108.1	454.7	504.0
May	2,200.7	399.3	17.2	111.8	120.7	473.7	109.2	459.6	509.2
June	2,240.5	404.9	17.5	117.6	122.4	479.5	112.0	469.3	517.4
July	2,237.8	407.6	17.7	122.3	123.0	490.8	113.5	475.5	487.3
August	2,226.2	408.3	17.9	124.2	112.7	492.4	113.7	476.0	480.9
September	2,259.9	413.5	18.1	124.4	123.5	494.9	112.5	477.5	495.6
October	2,248.9	414.7	18.0	123.6	123.2	494.0	111.1	464.7	499.7
November	2,255.6	415.6	17.9	123.0	122.7	498.5	110.7	461.8	505.3
December	2,263.1	414.6	17.9	120.6	124.4	506.9	111.5	462.6	504.7
1984:									
January	2,238.0	411.8	17.9	114.1	122.6	491.5	113.3	464.9	501.9
February	2,243.9	413.7	17.8	114.6	123.2	487.0	113.4	469.1	505.1
March	2,268.3	416.2	18.1	118.3	123.8	494.4	114.5	477.2	505.7
April	2,289.5	416.7	18.5	124.7	125.1	499.2	114.9	482.9	507.6
May	2,320.3	418.2	18.8	130.7	126.5	507.6	116.4	489.7	512.6
June	2,356.1	422.7	19.4	137.3	128.4	512.9	118.6	501.8	514.8
July	2,337.5	420.9	19.7	142.7	128.9	523.5	119.7	507.7	474.4
August	2,355.4	425.6	19.4	144.1	129.3	525.6	120.0	509.9	481.6
September	2,383.3	427.2	19.2	143.2	128.8	526.1	118.8	510.1	509.8
October	2,391.6	427.9	17.5	142.8	129.9	534.3	118.1	509.3	511.6
November	2,401.8	427.2	16.4	141.6	129.3	543.3	118.6	508.5	516.9
December	2,413.7	426.9	16.6	139.9	130.2	552.3	119.2	510.4	518.2
1985:									
January	2,362.8	422.6	17.0	132.5	129.2	522.3	118.1	506.8	514.4
February	2,361.8	422.3	17.1	130.9	128.1	517.4	118.4	511.3	516.3
March	2,392.6	422.9	17.2	139.6	128.8	525.1	119.5	520.7	518.9
April	2,418.2	421.9	17.1	146.7	129.9	530.5	120.5	530.4	521.0
May	2,449.7	421.1	17.4	152.9	131.8	541.8	122.2	537.9	524.6
June	2,481.2	423.1	17.6	158.0	133.3	548.2	124.6	547.5	529.0
July	2,443.1	417.9	17.6	161.2	133.7	549.2	126.3	548.9	488.3
August	2,446.9	423.6	17.3	161.4	133.5	547.6	126.5	549.7	487.3
September	2,479.3	426.3	17.4	159.4	133.1	549.3	124.7	549.1	520.1
October	2,498.7	426.8	17.3	159.4	133.3	560.6	124.2	550.3	526.8
November	2,507.3	425.6	17.2	157.0	132.9	569.5	124.7	548.7	531.6
December	2,522.9	425.9	17.1	156.7	134.0	580.7	124.7	550.3	533.3
1986:									
January	2,484.8	424.8	16.8	152.8	132.6	557.8	123.3	545.3	531.3
February	2,478.8	426.4	16.6	149.3	132.3	550.3	123.8	546.8	533.2
March	2,496.4	425.1	16.9	154.9	132.7	553.2	125.3	554.7	533.6
April	2,517.8	425.1	17.0	161.5	133.6	559.9	126.8	561.1	532.8
May	2,541.4	425.8	17.1	165.0	134.6	568.7	128.8	566.1	535.3
June	2,559.3	427.5	17.3	169.0	130.0	575.2	131.3	572.5	536.5
July	2,534.9	428.0	17.1	171.4	135.1	577.9	132.4	572.6	500.4

See footnote Table A-1.

ESTIMATED FEMALE EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES IN VIRGINIA

Table A-3.

INDUSTRY GROUP	EMPLOYMENT IN THOUSANDS			NET CHANGE FROM	
	JULY 1986	JUNE 1986	JULY 1985	JUNE 1986	JULY 1985
TOTAL NONAGRICULTURAL	1,124.6	1,143.5	1,071.1	- 18.9	53.5
MANUFACTURING	149.7	150.1	146.7	- .4	3.0
DURABLE GOODS	52.5	52.1	51.0	.4	1.5
LUMBER AND WOOD PRODUCTS	4.7	4.7	4.6	.0	.1
MILLWORK, PLYWOOD AND STRUCTURAL MEMBERS	2.4	2.4	2.2	.0	.2
WOOD CONTAINERS	0.2	0.2	0.3	.0	- .1
FURNITURE AND FIXTURES	8.5	8.6	7.5	- .1	1.0
HOUSEHOLD AND OFFICE FURNITURE	8.2	8.3	7.2	- .1	1.0
STONE, CLAY & GLASS PRODUCTS	2.3	2.3	2.1	.0	.2
CONCRETE, GYPSUM AND PLASTER PRODUCTS	0.6	0.6	0.5	.0	.1
PRIMARY METAL INDUSTRIES	2.2	2.2	2.1	.0	.1
FABRICATED METAL PRODUCTS	3.5	3.5	3.5	.0	.0
FABRICATED STRUCTURAL METAL PRODUCTS	1.4	1.4	1.4	.0	.0
MACHINERY EXCEPT ELECTRICAL	2.9	2.9	2.8	.0	.1
CONSTRUCTION AND RELATED MACHINERY	0.6	0.6	0.6	.0	.0
SPECIAL INDUSTRY MACHINERY	0.2	0.2	0.2	.0	.0
ELECTRIC & ELECTRONIC EQUIPMENT	18.3	17.7	18.6	.6	- .3
COMMUNICATION EQUIPMENT	8.5	7.7	7.7	.8	.8
TRANSPORTATION EQUIPMENT	6.7	6.8	6.4	- .1	.3
INSTRUMENTS & RELATED PRODUCTS	2.1	2.0	2.0	.1	.1
MISC. MANUFACTURING INDUSTRIES	1.4	1.4	1.3	.0	.1
NONDURABLE GOODS	97.1	98.1	95.7	- 1.0	1.4
FOOD & KINDRED PRODUCTS	12.7	12.9	13.1	- .2	- .4
MEAT PRODUCTS	5.5	5.5	5.2	.0	.3
DAIRY PRODUCTS	0.5	0.5	0.5	.0	.0
BEVERAGES	0.8	0.8	0.7	.0	.1
TOBACCO MANUFACTURES	4.2	4.4	4.6	- .2	- .4
TEXTILE MILL PRODUCTS	25.2	25.2	24.2	.0	1.0
WEAVING MILLS, COTTON, SYNTHETICS AND WOOL	6.4	6.5	6.7	- .1	- .3
NARROW FABRIC MILLS	0.7	0.7	0.6	.0	.1
KNITTING MILLS	14.7	14.6	13.3	.1	1.4
TEXTILE FINISHING EXCEPT WOOL	1.2	1.2	1.3	.0	- .1
MISC. TEXTILE GOODS	0.5	0.5	0.5	.0	.0
APPAREL & OTHER TEXTILE PRODUCTS	26.8	27.3	26.8	- .5	.0
MENS & BOYS SUITS, COATS AND FURNISHINGS	9.3	9.3	9.2	.0	.1
WOMENS & CHILDRENS OUTERWEAR AND UNDERGARMENTS	15.4	15.6	15.2	- .2	.2
PAPER & ALLIED PRODUCTS	3.0	3.0	2.9	.0	.1
PULP, PAPER & PAPERBOARD	1.0	0.9	0.9	.1	.1
MISC. CONVERTED PAPER AND PAPERBOARD PRODUCTS, CONTAINERS AND BOXES	2.0	2.0	2.0	.0	.0
PAPERBOARD CONTAINERS AND BOXES	0.8	0.7	0.7	.1	.1
PRINTING AND PUBLISHING	10.9	11.0	10.3	- .1	.6
NEWSPAPER AND PERIODICALS	5.2	5.2	4.7	.0	.5
COMMERCIAL PRINTING	2.6	2.7	2.7	- .1	- .1
CHEMICALS & ALLIED PRODUCTS	8.5	8.5	8.3	.0	.2
PLASTICS MATERIALS AND SYNTHETICS	4.6	4.7	4.7	- .1	- .1
MISC. CHEMICAL PRODUCTS	1.2	1.2	1.1	.0	.1
PETROLEUM, RUBBER & MISC. PLASTICS PRODUCTS	3.9	3.8	3.4	.1	.5
MISC. PLASTICS PRODUCTS	3.0	3.0	2.6	.0	.4
LEATHER & LEATHER PRODUCTS	2.0	2.0	2.1	.0	- .1

(Continued on page 7)

ESTIMATED FEMALE EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES IN VIRGINIA

(Continued from page 6)

INDUSTRY GROUP	EMPLOYMENT IN THOUSANDS JULY 1986	JUNE 1986	JULY 1985	NET CHANGE FROM JUNE 1986	JULY 1985
NONMANUFACTURING	975.0	993.4	924.4	- 18.4	50.6
MINING	0.9	0.9	0.9	0	.0
BITUMINOUS COAL AND LIGNITE MINING	0.6	0.6	0.6	0	0
CONSTRUCTION	13.5	13.2	12.4	.3	1.1
TRANSPORTATION & PUBLIC UTILITIES	41.8	39.3	40.6	2.5	1.2
RAILROAD TRANSPORTATION	1.5	1.5	1.6	0	- .1
TRUCKING & WAREHOUSING	3.8	3.8	3.7	0	.1
TRANSPORTATION BY AIR	7.4	7.3	6.8	.1	.6
COMMUNICATION	19.2	16.9	19.1	2.3	.1
ELECTRIC, GAS & SANITARY SERVICES	4.7	4.6	4.7	.1	0
WHOLESALE & RETAIL TRADE	260.7	259.4	244.2	1.3	16.5
WHOLESALE TRADE	31.8	31.7	30.4	.1	1.4
WHOLESALE TRADE - DURABLE GOODS	19.2	19.1	18.5	.1	.7
WHOLESALE TRADE - NONDURABLE GOODS	12.6	12.6	11.9	0	.7
RETAIL TRADE	228.9	227.7	213.8	1.2	15.1
GENERAL MERCHANDISE STORES	41.4	41.8	39.9	- .4	1.5
DEPARTMENT STORES	32.3	32.5	31.6	- .2	.7
VARIETY STORES	8.0	8.1	7.2	- .1	.8
FOOD STORES	30.6	30.3	29.1	.3	1.5
AUTOMOTIVE DEALERS AND SERVICE STATIONS	12.4	12.4	11.6	0	.8
APPAREL & ACCESSORY STORES	16.4	16.5	16.1	- .1	.3
FURNITURE AND HOME FURNISHING STORES	8.8	9.0	8.5	- .2	.3
EATING & DRINKING PLACES	82.2	81.0	74.0	1.2	8.2
MISCELLANEOUS RETAIL	33.2	32.9	31.1	.3	2.1
FINANCE, INSURANCE AND REAL ESTATE	80.1	79.4	74.9	.7	5.2
BANKING	25.7	25.6	25.1	.1	.6
CREDIT AGENCIES OTHER THAN BANKS	16.0	15.8	13.3	.2	2.7
SECURITY, COMMODITY BROKERS & SERVICES	1.8	1.7	1.7	.1	.1
INSURANCE CARRIERS	14.6	14.6	13.8	0	.8
REAL ESTATE	13.8	13.6	13.4	.2	.4
SERVICES	322.5	322.5	306.8	0	15.7
HOTELS AND OTHER LODGING PLACES	25.0	24.4	23.7	.6	1.3
PERSONAL SERVICES	21.0	21.2	19.6	- .2	1.4
BUSINESS SERVICES	61.4	61.3	58.8	.1	2.6
AUTO REPAIR SERVICES & GARAGES	3.4	3.3	3.3	.1	.1
MISC. REPAIR SERVICES	2.1	2.1	1.9	0	.2
MOTION PICTURES	1.5	1.5	1.8	0	- .3
AMUSEMENT AND RECREATION SERVICES	8.8	8.8	8.6	0	.2
HEALTH SERVICES	109.4	108.8	104.6	.6	4.8
HOSPITALS	56.6	56.4	54.0	.2	2.6
EDUCATIONAL SERVICES	12.9	15.7	12.2	- 2.8	.7
GOVERNMENT	255.5	278.8	244.6	- 23.3	10.9
FEDERAL GOVERNMENT	69.7	69.6	69.4	.1	.3
STATE & LOCAL GOVERNMENT	185.8	209.1	175.2	- 23.3	10.6
STATE GOVERNMENT	55.8	63.3	54.2	- 7.5	1.6
LOCAL GOVERNMENT	130.0	145.9	121.0	- 15.9	9.0

See footnote Table A-1.

ESTIMATED NUMBER OF PRODUCTION WORKERS IN VIRGINIA MANUFACTURING INDUSTRIES

Table A-4.

INDUSTRY GROUP	EMPLOYMENT IN THOUSANDS JULY 1986	JUNE 1986	JULY 1985	NET CHANGE FROM JUNE 1986	JULY 1985
MANUFACTURING	321.9	321.6	313.4	.3	8.5
DURABLE GOODS	152.3	151.4	146.6	.9	5.7
LUMBER AND WOOD PRODUCTS	21.6	21.4	20.0	.2	1.6
MILLWORK, PLYWOOD AND STRUCTURAL MEMBERS	6.6	6.6	5.4	.0	1.2
WOOD CONTAINERS	1.5	1.5	1.6	.0	-.1
FURNITURE AND FIXTURES	20.2	20.3	18.0	-.1	2.2
HOUSEHOLD AND OFFICE FURNITURE	19.5	19.6	17.2	-.1	2.3
STONE, CLAY & GLASS PRODUCTS	13.1	13.1	12.3	.0	.8
CONCRETE, GYPSUM AND PLASTER PRODUCTS	6.0	6.1	5.7	-.1	.3
PRIMARY METAL INDUSTRIES	6.3	6.6	6.0	-.3	.3
FABRICATED METAL PRODUCTS	13.6	13.5	14.0	.1	-.4
FABRICATED STRUCTURAL METAL PRODUCTS	7.9	7.9	8.1	.0	-.2
MACHINERY EXCEPT ELECTRICAL	11.1	11.1	10.8	.0	.3
CONSTRUCTION AND RELATED MACHINERY	2.7	2.7	2.5	.0	.2
SPECIAL INDUSTRY MACHINERY	0.8	0.8	0.8	.0	.0
ELECTRIC & ELECTRONIC EQUIPMENT	22.7	21.7	23.3	1.0	-.6
COMMUNICATION EQUIPMENT	9.8	8.9	9.5	.9	.3
TRANSPORTATION EQUIPMENT	38.2	38.2	36.9	.0	1.3
INSTRUMENTS & RELATED PRODUCTS	2.6	2.6	2.7	.0	-.1
MISC. MANUFACTURING INDUSTRIES	2.9	2.8	2.8	.1	.1
NONDURABLE GOODS	169.7	170.1	166.8	-.4	2.9
FOOD & KINDRED PRODUCTS	27.4	27.2	27.4	.2	.0
MEAT PRODUCTS	11.6	11.5	10.9	.1	.7
DAIRY PRODUCTS	1.3	1.3	1.4	.0	-.1
BEVERAGES	2.3	2.2	2.3	.1	.0
TOBACCO MANUFACTURES	8.3	8.5	9.0	-.2	-.7
TEXTILE MILL PRODUCTS	39.3	39.2	37.2	.1	2.1
WEAVING MILLS, COTTON, SYNTHETICS AND WOOL	12.7	12.8	12.9	-.1	-.2
NARROW FABRIC MILLS	1.1	1.1	0.8	.0	.3
KNITTING MILLS	18.6	18.2	15.9	.4	2.7
TEXTILE FINISHING EXCEPT WOOL	2.6	2.6	2.9	.0	-.3
MISC. TEXTILE GOODS	1.2	1.2	1.2	.0	.0
APPAREL & OTHER TEXTILE PRODUCTS	27.2	27.7	27.1	-.5	.1
MENS & BOYS SUITS, COATS AND FURNISHINGS	9.5	9.5	9.5	.0	.0
WOMENS & CHILDRENS OUTERWEAR AND UNDERGARMENTS	14.8	15.0	14.4	-.2	.4
PAPER & ALLIED PRODUCTS	12.0	12.0	11.9	.0	.1
PULP, PAPER & PAPERBOARD	5.6	5.5	5.4	.1	.2
MISC. CONVERTED PAPER AND PAPERBOARD PRODUCTS, CONTAINERS AND BOXES	6.2	6.2	6.1	.0	.1
PAPERBOARD CONTAINERS AND BOXES	3.3	3.3	3.2	.0	.1
PRINTING AND PUBLISHING	17.4	17.6	17.3	-.2	.1
NEWSPAPER AND PERIODICALS	4.0	4.0	3.8	.0	.2
COMMERCIAL PRINTING	9.3	9.4	9.4	-.1	-.1
CHEMICALS & ALLIED PRODUCTS	22.4	22.4	22.1	.0	.3
PLASTICS MATERIALS AND SYNTHETICS	13.6	13.5	13.4	.1	.2
MISC. CHEMICAL PRODUCTS	3.4	3.4	3.3	.0	.1
PETROLEUM, RUBBER & MISC. PLASTICS PRODUCTS	13.2	13.0	12.0	.2	1.2
MISC. PLASTICS PRODUCTS	8.1	8.0	7.1	.1	1.0
LEATHER & LEATHER PRODUCTS	2.5	2.5	2.6	.0	-.1

See footnote Table A-1.

ESTIMATED EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES

Table A-5.
BRISTOL, VIRGINIA AREA

INDUSTRY GROUP	EMPLOYMENT IN THOUSANDS			NET CHANGE FROM	
	JULY 1986	JUNE 1986	JULY 1985	JUNE 1986	JULY 1985
TOTAL NONAGRICULTURAL	30.4	30.6	28.7	- .2	1.7
MANUFACTURING	9.8	9.8	9.3	.0	.5
DURABLE GOODS	4.9	4.9	5.0	0	- .1
LUMBER & WOOD PRODUCTS & FURNITURE & FIXTURES	0.2	0.2	0.2	0	.0
STONE, CLAY & GLASS PRODUCTS	0.4	0.4	0.4	0	.0
PRIMARY METAL INDUSTRY & FABRICATED METAL PRODUCTS	2.0	2.0	2.0	0	.0
FABRICATED METAL PRODUCTS	1.6	1.6	1.6	0	.0
MACHINERY & TRANSPORTATION EQUIPMENT	2.3	2.3	2.4	0	- .1
OTHER DURABLE GOODS	0.1	0.1	0.1	0	.0
NONDURABLE GOODS	4.9	4.9	4.3	.0	.6
FOOD & KINDRED PRODUCTS	1.6	1.6	1.7	0	- .1
TEXTILE MILL PRODUCTS	0.1	0.1	0.1	0	0
APPAREL & OTHER TEXTILE PRODUCTS	2.1	2.2	1.5	- .1	.6
PAPER & ALLIED PRODS. & PRINTING & PUBLISHING	0.5	0.5	0.5	0	.0
OTHER NONDURABLE GOODS	0.6	0.6	0.6	0	.0
NONMANUFACTURING	20.6	20.8	19.5	- .2	1.1
MINING	0.1	0.1	0.1	0	.0
CONSTRUCTION	1.7	1.6	1.5	.1	.2
TRANSPORTATION & PUBLIC UTILITIES	1.1	1.2	1.1	- .1	.0
WHOLESALE & RETAIL TRADE	7.5	7.5	7.4	0	.1
WHOLESALE TRADE	1.5	1.4	1.3	.1	.2
RETAIL TRADE	6.0	6.1	6.0	- .1	.0
FINANCE, INSURANCE AND REAL ESTATE	0.9	1.0	1.0	- .1	- .1
SERVICES	4.1	4.1	3.9	0	.2
GOVERNMENT	5.2	5.5	4.5	- .3	.7
FEDERAL GOVERNMENT	0.4	0.4	0.4	0	0
STATE & LOCAL GOVERNMENT	4.8	5.1	4.1	- .3	.7

The Bristol, Virginia Area covers the city of Bristol and the counties of Scott and Washington.

NOTE: The category "Other Durable Goods" includes the instruments and related products; and miscellaneous manufacturing industries.
The category "Other Nondurable Goods" includes the tobacco; chemicals and allied products; petroleum and coal products; rubber and plastics products; and leather and leather products industries.

Table A-6.
LYNCHBURG METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	EMPLOYMENT IN THOUSANDS			NET CHANGE FROM	
	JULY 1986	JUNE 1986	JULY 1985	JUNE 1986	JULY 1985
TOTAL NONAGRICULTURAL	70.8	72.5	69.4	- 1.7	1.4
MANUFACTURING	23.9	24.2	24.8	- .3	- .9
DURABLE GOODS	15.3	15.6	15.9	- .3	- .6
LUMBER & WOOD PRODUCTS & FURNITURE & FIXTURES	3.0	3.0	3.0	0	0
OTHER DURABLE GOODS	12.2	12.6	12.9	- .4	- .7
NONDURABLE GOODS	8.6	8.6	8.9	0	- .3
FOOD & KINDRED PRODUCTS	1.4	1.4	1.4	0	.0
TEXTILE MILL PRODUCTS	1.7	1.7	1.8	0	- .1
APPAREL & OTHER TEXTILE PRODUCTS	1.2	1.2	1.4	0	- .2
PAPER & ALLIED PRODUCTS	1.0	1.0	1.0	0	0
OTHER NONDURABLE GOODS	3.4	3.4	3.4	0	0
NONMANUFACTURING	47.0	48.3	44.6	- 1.3	2.4
MINING	0.1	0.1	0.1	.0	0
CONSTRUCTION	3.3	3.2	2.8	.1	.5
TRANSPORTATION & PUBLIC UTILITIES	3.1	3.1	3.0	0	.1
WHOLESALE & RETAIL TRADE	13.8	13.8	13.0	0	.8
WHOLESALE TRADE	2.5	2.5	2.3	0	.2
RETAIL TRADE	11.3	11.3	10.6	0	.7
FINANCE, INSURANCE AND REAL ESTATE	3.6	3.6	3.5	0	.1
SERVICES	12.4	12.7	12.3	- .3	.1
GOVERNMENT	10.7	11.9	10.0	- 1.2	.7
FEDERAL GOVERNMENT	0.5	0.5	0.5	.0	.0
STATE & LOCAL GOVERNMENT	10.2	11.4	9.5	- 1.2	.7

The Lynchburg Metropolitan Statistical Area covers the city of Lynchburg and the counties of Amherst and Campbell.

NOTE: The category "Other Durable Goods" includes the stone, clay, and glass products; primary metal; fabricated metal products; machinery, except electrical; electric and electronic equipment; transportation equipment; instruments and related products; and miscellaneous manufacturing industries.
The category "Other Nondurable Goods" includes the tobacco; printing and publishing; chemicals and allied products; petroleum and coal products; rubber and plastics products; and leather and leather products industries.

See footnote Table A-1

ESTIMATED EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES

Table A-7.
NORFOLK-VIRGINIA BEACH-NEWPORT NEWS METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	EMPLOYMENT IN THOUSANDS			NET CHANGE FROM	
	JULY 1986	JUNE 1986	JULY 1985	JUNE 1986	JULY 1985
TOTAL NONAGRICULTURAL	529.8	536.4	516.8	- 6.6	13.0
MANUFACTURING	68.4	68.4	68.1	.0	.3
DURABLE GOODS	50.2	50.4	49.7	- .2	.5
LUMBER AND WOOD PRODUCTS	1.9	1.9	1.8	.0	.1
STONE, CLAY & GLASS PRODUCTS	2.7	2.9	2.5	- .2	.2
FABRICATED METAL PRODUCTS	1.4	1.4	1.5	.0	- .1
MACHINERY EXCEPT ELECTRICAL	2.1	2.1	2.2	.0	- .1
ELECTRIC & ELECTRONIC EQUIPMENT	2.1	2.1	2.7	.0	- .6
TRANSPORTATION EQUIPMENT	37.3	37.4	36.5	- .1	.8
OTHER DURABLE GOODS	2.6	2.7	2.5	- .1	.1
NONDURABLE GOODS	18.2	18.0	18.4	.2	- .2
FOOD & KINDRED PRODUCTS	7.8	7.7	7.6	.1	.2
APPAREL & OTHER TEXTILE PRODUCTS	1.2	1.1	1.3	.1	- .1
PRINTING AND PUBLISHING	4.5	4.5	4.1	.0	.4
CHEMICALS & ALLIED PRODUCTS	1.9	1.8	2.0	.1	- .1
OTHER NONDURABLE GOODS	2.9	2.9	3.4	.0	- .5
NONMANUFACTURING	461.2	467.9	448.7	- 6.7	12.5
MINING	0.1	0.1	0.1	.0	.0
CONSTRUCTION	39.3	38.8	35.6	.5	3.7
TRANSPORTATION & PUBLIC UTILITIES	24.9	24.8	25.8	.1	- .9
RAILROAD TRANSPORTATION	1.9	1.9	2.0	.0	- .1
WHOLESALE & RETAIL TRADE	131.0	130.0	126.5	1.0	4.5
WHOLESALE TRADE	21.4	21.1	21.0	.3	.4
RETAIL TRADE	109.6	108.9	105.5	.7	4.1
FINANCE, INSURANCE AND REAL ESTATE	23.5	23.6	23.5	- .1	.0
BANKING	6.1	6.0	6.1	.1	.0
INS CARRIERS, AGENTS, BROKERS, & SERVICES	4.1	4.0	4.0	.1	.1
SERVICES	124.8	124.7	120.0	.1	4.8
PERSONAL SERVICES	5.9	6.1	6.3	- .2	- .4
GOVERNMENT	117.6	126.0	117.3	- 8.4	.3
FEDERAL GOVERNMENT	55.7	55.7	56.3	.0	- .6
STATE & LOCAL GOVERNMENT	61.9	70.3	60.9	- 8.4	1.0

The Norfolk-Virginia Beach-Newport News Metropolitan Statistical Area covers the cities of Chesapeake, Hampton, Newport News, Norfolk, Poquoson, Portsmouth, Suffolk, Virginia Beach, and Williamsburg and the counties of Gloucester, James City, and York.

NOTE: The category "Other Durable Goods" includes the furniture and fixtures; primary metal; instruments and related products; and miscellaneous manufacturing industries.
The category "Other Nondurable Goods" includes the tobacco; textile mill products; paper and allied products; petroleum and coal products; rubber and plastics products; and leather and leather products industries.

Table A-8.
NORTHERN VIRGINIA AREA

INDUSTRY GROUP	EMPLOYMENT IN THOUSANDS			NET CHANGE FROM	
	JULY 1986	JUNE 1986	JULY 1985	JUNE 1986	JULY 1985
TOTAL NONAGRICULTURAL	661.8	660.0	624.6	1.8	37.2
MANUFACTURING	32.7	32.8	32.0	- .1	.7
DURABLE GOODS	20.0	20.2	19.7	- .2	.3
STONE, CLAY & GLASS PRODUCTS	1.6	1.6	1.4	.0	.2
FABRICATED METAL PRODUCTS	1.1	1.0	1.1	.1	.0
MACHINERY EXCEPT ELECTRICAL	1.9	1.9	1.9	.0	.0
ELECTRIC & ELECTRONIC EQUIPMENT	12.6	12.8	12.6	- .2	.0
OTHER DURABLE GOODS	2.9	2.8	2.7	.1	.2
NONDURABLE GOODS	12.7	12.6	12.3	.1	.4
FOOD & KINDRED PRODUCTS	1.3	1.3	1.3	.0	.0
PRINTING AND PUBLISHING	9.2	9.0	8.8	.2	.4
OTHER NONDURABLE GOODS	2.3	2.3	2.2	.0	.1
NONMANUFACTURING	629.1	627.2	592.6	1.9	36.5
MINING	0.6	0.6	0.6	.0	.0
CONSTRUCTION	49.5	48.5	45.6	1.0	4.9
TRANSPORTATION & PUBLIC UTILITIES	45.4	41.0	43.7	4.4	1.7
TRANSPORTATION BY AIR	13.6	13.4	12.3	.2	1.3
ELECTRIC, GAS & SANITARY SERVICES	4.1	3.3	4.1	.8	.0
WHOLESALE & RETAIL TRADE	155.8	155.8	143.7	.0	12.1
WHOLESALE TRADE	30.7	30.6	28.6	.1	2.1
RETAIL TRADE	125.1	125.2	115.1	- .1	10.0
GENERAL MERCHANDISE STORES	15.3	15.1	13.7	.2	1.6
FOOD STORES	15.4	15.5	14.9	- .1	.5
AUTOMOTIVE DEALERS AND SERVICE STATIONS	15.9	15.9	15.0	.0	.9
APPAREL & ACCESSORY STORES	7.9	8.0	7.3	- .1	.6
FINANCE, INSURANCE AND REAL ESTATE	41.8	41.0	38.0	.8	3.8
BANKING	6.6	6.6	6.6	.0	.0
SERVICES	195.3	194.9	187.2	.4	8.1
BUSINESS SERVICES	80.2	79.5	78.3	.7	1.9
GOVERNMENT	140.6	145.4	134.7	- 4.8	5.9
FEDERAL GOVERNMENT	73.2	73.1	73.5	.1	- .3
STATE & LOCAL GOVERNMENT	67.4	72.3	61.3	- 4.9	6.1

The Northern Virginia Area covers the cities of Alexandria, Fairfax, Falls Church, Manassas, and Manassas Park and the counties of Arlington, Fairfax, Loudoun, Prince William, and Stafford.

NOTE: The category "Other Durable Goods" includes the lumber and wood products; furniture and fixtures; primary metal; transportation equipment; instruments and related products; and miscellaneous manufacturing industries. The category "Other Nondurable Goods" includes the tobacco; textile mill products; apparel and other textile products; paper and allied products; chemicals and allied products; petroleum and coal products; rubber and plastics products; and leather and leather products industries.

See footnote Table A-1.

ESTIMATED EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES

Table A-9.

RICHMOND-PETERSBURG METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	EMPLOYMENT IN THOUSANDS			NET CHANGE FROM	
	JULY 1986	JUNE 1986	JULY 1985	JUNE 1986	JULY 1985
TOTAL NONAGRICULTURAL	403.7	411.4	402.1	- 7.7	1.6
MANUFACTURING	61.6	58.9	63.2	1.7	- 1.6
DURABLE GOODS					
LUMBER AND WOOD PRODUCTS	17.9	16.0	18.8	1.9	- .9
FURNITURE AND FIXTURES	2.1	2.1	2.0	0	.1
STONE, CLAY & GLASS PRODUCTS	0.9	0.9	1.2	0	- .3
FABRICATED METAL PRODUCTS	1.4	1.5	1.5	- .1	- .1
FABRICATED STRUCTURAL METAL PRODUCTS	1.8	1.8	1.8	0	0
MACHINERY EXCEPT ELECTRICAL	1.2	1.1	1.2	.1	0
OTHER DURABLE GOODS	2.4	2.4	2.5	0	- .1
	9.2	7.3	9.7	1.9	- .5
NONDURABLE GOODS	43.7	43.9	44.4	- .2	- .7
FOOD & KINDRED PRODUCTS	4.1	4.1	4.0	0	.1
TOBACCO MANUFACTURES	12.3	12.3	13.7	0	- 1.4
APPAREL & OTHER TEXTILE PRODUCTS	2.0	2.1	2.2	- .1	- .2
PAPER & ALLIED PRODUCTS	5.0	5.1	5.0	- .1	0
PRINTING AND PUBLISHING	6.7	6.8	6.6	- .1	.1
COMMERCIAL PRINTING	3.8	3.9	3.8	- .1	0
CHEMICALS & ALLIED PRODUCTS	10.5	10.5	10.2	0	.3
OTHER NONDURABLE GOODS	3.0	3.0	2.8	0	.2
NONMANUFACTURING	342.1	351.4	338.8	- 9.3	3.3
MINING	0.4	0.4	0.3	0	.1
CONSTRUCTION	24.8	24.8	25.2	0	- .4
TRANSPORTATION & PUBLIC UTILITIES	21.7	21.1	21.7	.6	0
WHOLESALE & RETAIL TRADE	98.7	99.1	96.4	- .4	2.3
WHOLESALE TRADE	24.5	24.6	24.8	- .1	- .3
RETAIL TRADE	74.2	74.5	71.7	- .3	2.5
GENERAL MERCHANDISE STORES	13.0	13.4	12.4	- .4	.6
FOOD STORES	11.2	11.2	11.1	0	.1
AUTOMOTIVE DEALERS AND SERVICE STATIONS	8.1	8.3	8.3	- .2	- .2
FINANCE, INSURANCE AND REAL ESTATE	35.0	34.7	32.4	.3	2.6
INS CARRIERS, AGENTS, BROKERS, & SERVICES	12.7	12.7	12.3	0	.4
SERVICES	82.8	83.0	80.0	- .2	2.8
HEALTH SERVICES	20.1	20.1	19.9	0	.2
GOVERNMENT	78.8	88.3	82.8	- 9.5	- 4.0
FEDERAL GOVERNMENT	15.8	15.8	16.1	0	- .3
STATE & LOCAL GOVERNMENT	63.0	72.5	66.7	- 9.5	- 3.7

The Richmond-Petersburg Metropolitan Statistical Area covers the cities of Colonial Heights, Hopewell, Petersburg, and Richmond and the counties of Charles City, Chesterfield, Dinwiddie, Goochland, Hanover, Henrico, New Kent, Powhatan, and Prince George.

NOTE: The category "Other Durable Goods" includes the primary metal; electric and electronic equipment; transportation equipment; instruments and related products; and miscellaneous manufacturing industries.
The category "Other Nondurable Goods" includes the textile mill products; petroleum and coal products; rubber and plastics products; and leather and leather products industries.

Table A-10.

ROANOKE METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	EMPLOYMENT IN THOUSANDS			NET CHANGE FROM	
	JULY 1986	JUNE 1986	JULY 1985	JUNE 1986	JULY 1985
TOTAL NONAGRICULTURAL	114.9	115.6	114.0	- .7	.9
MANUFACTURING	20.8	20.7	20.9	.2	- .4
DURABLE GOODS	12.0	11.9	12.1	.1	- .1
FURNITURE AND FIXTURES	1.6	1.6	1.7	0	- .1
PRIMARY METAL INDUSTRY & FABRICATED METAL PRODUCTS	2.5	2.5	2.6	0	- .1
FABRICATED METAL PRODUCTS	1.7	1.7	1.8	0	- .1
FABRICATED STRUCTURAL METAL PRODUCTS	1.1	1.1	1.2	0	- .1
MACHINERY EXCEPT ELECTRICAL	1.7	1.7	1.7	0	0
OTHER DURABLE GOODS	6.2	6.1	6.1	.1	.1
NONDURABLE GOODS	8.8	8.8	8.9	- .3	- .4
FOOD & KINDRED PRODUCTS	1.7	1.9	2.0	- .2	- .3
TEXTILE MILL PRODUCTS	1.5	1.5	1.5	0	0
APPAREL & OTHER TEXTILE PRODUCTS	1.5	1.5	1.5	0	0
PRINTING AND PUBLISHING	1.1	1.1	1.0	0	.1
OTHER NONDURABLE GOODS	2.7	2.7	2.8	0	- .1
NONMANUFACTURING	94.4	94.9	93.0	- .5	1.4
MINING	0.2	0.2	0.1	0	.1
CONSTRUCTION	7.6	7.7	7.4	- .1	.2
TRANSPORTATION & PUBLIC UTILITIES	9.7	9.7	9.4	0	.3
WHOLESALE & RETAIL TRADE	29.7	29.6	28.9	.1	.8
WHOLESALE TRADE	8.4	8.3	8.0	.1	.4
RETAIL TRADE	21.3	21.3	21.0	0	.3
FINANCE, INSURANCE AND REAL ESTATE	6.9	6.9	6.8	0	.1
SERVICES	26.5	26.5	25.8	0	.7
GOVERNMENT	13.7	14.3	14.6	- .6	- .9
FEDERAL GOVERNMENT	3.4	3.4	3.3	0	.1
STATE & LOCAL GOVERNMENT	10.4	10.9	11.2	- .5	- .8

The Roanoke Metropolitan Statistical Area covers the cities of Roanoke and Salem and the counties of Botetourt and Roanoke.

NOTE: The category "Other Durable Goods" includes the lumber and wood products; stone, clay, and glass; electric and electronic equipment; transportation equipment; instruments and related products; and miscellaneous manufacturing industries.
The category "Other Nondurable Goods" includes the tobacco; paper and allied products; chemicals and allied products; petroleum and coal products; rubber and plastics products; and leather and leather products industries.

See footnote Table A-1.

HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN VIRGINIA MANUFACTURING INDUSTRIES

Table C-1.

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	JULY 1986	JUNE 1986	JULY 1985	JULY 1986	JUNE 1986	JULY 1985	JULY 1986	JUNE 1986	JULY 1985
MANUFACTURING	$353.82	$357.94	$336.60	39.8	40.4	39.6	$8.89	$8.86	$8.50
DURABLE GOODS	363.12	367.63	341.74	40.8	41.4	40.3	8.90	8.88	8.48
LUMBER AND WOOD PRODUCTS	254.52	265.51	248.69	39.4	41.1	39.6	6.46	6.46	6.28
FURNITURE AND FIXTURES	218.28	220.02	209.38	37.7	38.0	38.0	5.79	5.79	5.51
HOUSEHOLD AND OFFICE FURNITURE	215.63	217.35	207.69	37.5	37.8	37.9	5.75	5.75	5.48
STONE, CLAY & GLASS PRODUCTS	343.51	351.35	302.40	42.2	42.9	40.0	8.14	8.19	7.56
PRIMARY METAL INDUSTRIES	429.24	435.27	377.48	43.8	44.1	40.2	9.80	9.87	9.39
FABRICATED METAL PRODUCTS	396.26	403.60	389.48	41.8	42.8	42.8	9.48	9.43	9.10
FABRICATED STRUCTURAL METAL PRODUCTS	349.75	352.51	358.28	42.6	43.2	43.8	8.21	8.16	8.18
MACHINERY EXCEPT ELECTRICAL	371.20	375.83	345.14	40.0	41.3	39.9	9.28	9.10	8.65
CONSTRUCTION AND RELATED MACHINERY	361.42	372.28	340.94	39.2	41.0	40.3	9.22	9.08	8.46
SPECIAL INDUSTRY MACHINERY	398.99	395.14	375.74	39.7	38.4	41.2	10.05	10.29	9.12
ELECTRIC & ELECTRONIC EQUIPMENT	363.91	343.20	345.32	40.3	40.0	38.8	9.03	8.58	8.90
COMMUNICATION EQUIPMENT	381.01	330.46	344.83	42.1	41.0	38.4	9.05	8.06	8.98
INSTRUMENTS & RELATED PRODUCTS	223.80	248.96	244.49	35.3	38.9	37.1	6.34	6.40	6.59
MISC. MANUFACTURING INDUSTRIES	287.73	301.75	267.03	39.2	39.6	38.7	7.34	7.62	6.90
NONDURABLE GOODS	345.43	349.18	331.89	38.9	39.5	39.0	8.88	8.84	8.51
FOOD & KINDRED PRODUCTS	328.78	319.48	309.29	39.9	39.2	39.2	8.24	8.15	7.89
TEXTILE MILL PRODUCTS	256.94	267.40	259.13	37.4	38.2	37.5	6.87	7.00	6.91
WEAVING MILLS, COTTON, SYNTHETICS AND WOOL	293.45	296.95	274.45	41.1	41.3	38.6	7.14	7.19	7.11
KNITTING MILLS	228.82	247.78	246.40	33.6	34.8	35.2	6.81	7.12	7.00
MISC. TEXTILE GOODS	274.11	280.14	258.91	39.9	40.6	38.3	6.87	6.90	6.76
APPAREL & OTHER TEXTILE PRODUCTS	181.83	202.88	200.46	34.7	37.5	37.4	5.24	5.41	5.36
MENS & BOYS SUITS, COATS AND FURNISHINGS	176.91	212.70	214.70	32.7	36.8	38.0	5.41	5.78	5.65
WOMENS & CHILDRENS OUTERWEAR AND UNDERGARMENTS	176.99	185.74	185.88	35.9	37.6	37.4	4.93	4.94	4.97
PAPER & ALLIED PRODUCTS	476.98	466.34	443.72	43.6	43.1	41.9	10.94	10.82	10.59
PULP, PAPER & PAPERBOARD	584.29	566.69	533.37	44.5	44.1	41.8	13.13	12.85	12.76
MISC. CONVERTED PAPER AND PAPERBOARD PRODUCTS, CONTAINERS AND BOXES	382.63	380.75	367.56	42.8	42.4	42.2	8.94	8.98	8.71
PRINTING AND PUBLISHING	411.43	401.65	374.57	40.1	39.3	38.3	10.26	10.22	9.78
NEWSPAPER AND PERIODICALS	333.20	338.88	310.38	35.0	35.3	33.7	9.52	9.60	9.21
CHEMICALS & ALLIED PRODUCTS	472.68	474.16	429.26	40.4	40.7	39.6	11.70	11.65	10.84
PLASTICS MATERIALS AND SYNTHETICS	486.42	491.26	461.31	40.4	40.6	39.7	12.04	12.10	11.62
LEATHER & LEATHER PRODUCTS	162.17	166.16	187.23	35.8	36.6	41.7	4.53	4.54	4.49

Current month's estimates are preliminary. Average hourly earnings are computed on a gross basis and are affected by such factors as premium pay for overtime work and shift differential, as well as changes in basic hourly and incentive rates of pay. Average weekly earnings are the product of average weekly hours and average hourly earnings.

Table C-2.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES BRISTOL, VIRGINIA AREA

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	JULY 1986	JUNE 1986	JULY 1985	JULY 1986	JUNE 1986	JULY 1985	JULY 1986	JUNE 1986	JULY 1985
MANUFACTURING	$300.85	$306.20	$291.27	39.9	41.1	39.9	$7.54	$7.45	$7.30
DURABLE GOODS	368.11	368.43	331.68	41.5	42.3	40.4	8.87	8.71	8.21
FABRICATED METAL PRODUCTS	432.80	444.94	435.60	40.6	41.7	44.0	10.66	10.67	9.90
MACHINERY & TRANSPORTATION EQUIPMENT	341.51	334.77	278.51	41.8	42.7	38.1	8.17	7.84	7.31
NONDURABLE GOODS	226.91	236.61	237.16	38.2	39.7	39.2	5.94	5.96	6.05
FOOD & KINDRED PRODUCTS	269.49	260.88	243.21	39.0	37.7	34.4	6.91	6.92	7.07
APPAREL & OTHER TEXTILE PRODUCTS	198.12	219.83	228.77	38.1	41.4	41.9	5.20	5.31	5.46

Data for the Bristol, Virginia Area (city of Bristol and the counties of Scott and Washington) cover approximately 7,200 production workers.

Table C-3.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES LYNCHBURG METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	JULY 1986	JUNE 1986	JULY 1985	JULY 1986	JUNE 1986	JULY 1985	JULY 1986	JUNE 1986	JULY 1985
MANUFACTURING	$333.68	$329.91	$329.97	40.3	39.7	39.9	$8.28	$8.31	$8.27
DURABLE GOODS	343.51	339.60	340.90	40.7	40.0	40.2	8.44	8.49	8.48
LUMBER & WOOD PRODUCTS & FURNITURE & FIXTURES	205.84	210.19	191.71	37.7	37.4	35.9	5.46	5.62	5.34
NONDURABLE GOODS	320.39	313.58	313.22	39.8	39.1	39.3	8.05	8.02	7.97
FOOD & KINDRED PRODUCTS	334.51	320.33	351.54	41.4	40.6	40.5	8.08	7.89	8.68
TEXTILE MILL PRODUCTS	275.42	267.95	281.63	39.8	37.9	37.5	6.92	7.07	7.51
APPAREL & OTHER TEXTILE PRODUCTS	150.18	154.64	167.61	30.4	33.4	37.0	4.94	4.63	4.53
PAPER & ALLIED PRODUCTS	495.87	482.22	476.39	46.3	44.2	45.5	10.71	10.91	10.47

Data for the Lynchburg Metropolitan Statistical Area (city of Lynchburg and the counties of Amherst and Campbell) cover approximately 16,400 production workers.

See footnote Table C-1.
[1]1985 data not comparable to prior years.

Table C-4.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES NORTHERN VIRGINIA AREA

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	JULY 1986	JUNE 1986	JULY 1985	JULY 1986	JUNE 1986	JULY 1985	JULY 1986	JUNE 1986	JULY 1985
MANUFACTURING	$390.93	$389.99	$338.24	41.5	41.4	38.7	$9.42	$9.42	$8.74
DURABLE GOODS	386.44	382.82	332.52	42.7	42.3	40.7	9.05	9.05	8.17
STONE, CLAY & GLASS PRODUCTS	441.08	461.68	316.41	45.1	46.4	42.7	9.78	9.95	7.41
FABRICATED METAL PRODUCTS	378.18	378.25	378.53	39.6	39.9	41.1	9.55	9.48	9.21
ELECTRIC & ELECTRONIC EQUIPMENT	352.38	328.46	308.87	42.1	40.5	39.7	8.37	8.11	7.78
NONDURABLE GOODS	392.63	399.00	346.56	39.5	40.1	36.1	9.94	9.95	9.60
FOOD & KINDRED PRODUCTS	327.22	326.56	296.17	40.1	41.6	35.3	8.16	7.85	8.39

Data for the Northern Virginia Area (cities of Alexandria, Fairfax, Falls Church, Manassas, and Manassas Park and the counties of Arlington, Fairfax, Loudoun, Prince William, and Stafford) cover approximately 14,300 production workers.

Table C-5.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES RICHMOND-PETERSBURG METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	JULY 1986	JUNE 1986	JULY 1985	JULY 1986	JUNE 1986	JULY 1985	JULY 1986	JUNE 1986	JULY 1985
MANUFACTURING	$468.86	$454.21	$404.04	40.7	40.7	39.0	$11.52	$11.16	$10.36
DURABLE GOODS	359.42	335.74	335.38	41.6	41.5	41.0	8.64	8.09	8.18
LUMBER AND WOOD PRODUCTS	237.77	248.05	247.35	39.3	41.0	42.5	6.05	6.05	5.82
FURNITURE AND FIXTURES	193.88	245.53	190.69	37.0	42.7	37.1	5.24	5.75	5.14
FABRICATED METAL PRODUCTS	312.80	320.40	384.81	39.1	40.0	42.9	8.00	8.01	8.97
FABRICATED STRUCTURAL METAL PRODUCTS	330.48	334.00	379.30	40.7	40.0	43.9	8.12	8.35	8.64
NONDURABLE GOODS	513.48	495.71	430.51	40.4	40.4	38.2	12.71	12.27	11.27
FOOD & KINDRED PRODUCTS	348.69	367.36	313.19	39.4	41.0	39.1	8.85	8.96	8.01
APPAREL & OTHER TEXTILE PRODUCTS	169.62	206.27	196.01	33.0	38.7	35.9	5.14	5.33	5.46
PAPER & ALLIED PRODUCTS	485.74	465.05	451.13	44.4	43.1	42.6	10.94	10.79	10.59
PRINTING AND PUBLISHING	451.69	415.13	433.09	41.1	39.2	40.4	10.99	10.59	10.72
CHEMICALS & ALLIED PRODUCTS	615.20	562.78	496.36	41.4	40.9	42.1	14.86	13.76	11.79

Data for the Richmond-Petersburg Metropolitan Statistical Area (cities of Colonial Heights, Hopewell, Petersburg, and Richmond and the counties of Charles City, Chesterfield, Dinwiddie, Goochland, Hanover, Henrico, New Kent, Powhatan, and Prince George) cover approximately 42,400 production workers.

See footnote Table C-1.
[1]1985 data not comparable to prior years.

Table C-6.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES ROANOKE METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	JULY 1986	JUNE 1986	JULY 1985	JULY 1986	JUNE 1986	JULY 1985	JULY 1986	JUNE 1986	JULY 1985
MANUFACTURING	$334.55	$335.70	$324.28	41.1	40.3	41.1	$8.14	$8.33	$7.89
DURABLE GOODS	342.10	347.58	342.77	40.2	40.7	41.7	8.51	8.54	8.22
FABRICATED METAL PRODUCTS	309.73	342.97	312.87	40.7	44.6	42.8	7.61	7.69	7.31
FABRICATED STRUCTURAL METAL PRODUCTS	310.91	355.22	305.45	42.3	47.3	42.9	7.35	7.51	7.12
NONDURABLE GOODS	324.78	319.99	300.64	42.4	39.8	40.3	7.66	8.04	7.46
FOOD & KINDRED PRODUCTS	372.68	382.28	359.65	44.0	44.4	43.7	8.47	8.61	8.23
TEXTILE MILL PRODUCTS	346.61	235.25	250.08	50.6	34.8	40.4	6.85	6.76	6.19

Data for the Roanoke Metropolitan Statistical Area (cities of Roanoke and Salem and the counties of Botetourt and Roanoke) cover approximately 14,700 production workers.

See footnote Table C-1.

Table C-7.

CONSUMER PRICE INDEX FOR ALL URBAN CONSUMERS U.S. CITY AVERAGE

ALL ITEMS—(1967 = 100)

Year	Jan.	Feb.	March	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Avg.	Ann. Avg. Change
1978	187.2	188.4	189.8	191.5	193.3	195.3	196.7	197.8	199.3	200.7	200.9	202.9	195.4	7.7%
1979	204.7	207.1	209.1	211.5	214.1	216.6	218.9	221.1	223.4	225.4	227.5	229.9	217.4	11.3
1980	233.2	236.4	239.8	242.5	244.9	247.6	247.8	249.4	251.7	253.9	256.2	258.4	246.8	13.5
1981	260.5	263.2	265.1	266.8	269.0	271.3	274.4	276.5	279.3	279.9	280.7	281.5	272.4	10.4
1982	282.5	283.4	283.1	284.3	287.1	290.6	292.2	292.8	293.3	294.1	293.6	292.4	289.1	6.1
1983	293.1	293.2	293.4	295.5	297.1	298.1	299.3	300.3	301.8	302.6	303.1	303.5	298.4	3.2
1984	305.2	306.6	307.3	308.8	309.7	310.7	311.7	313.0	314.5	315.3	315.3	315.5	311.1	4.3
1985	316.1	317.4	318.8	320.1	321.3	322.3	322.8	323.5	324.5	325.5	326.6	327.4	322.2	3.6
1986	328.4	327.5	326.0	325.3	326.3	327.9	328.0							

SOURCE: U.S. Department of Labor, Bureau of Labor Statistics

EXPLANATORY NOTES

This release presents and analyzes statistics from the Current Employment Statistics Survey. Data on nonagricultural payroll employment, hours and earnings are collected by the Virginia Employment Commission in cooperation with the U. S. Bureau of Labor Statistics, from payroll records of a sample of approximately 7,500 establishments. In most industries the sampling probabilities are based on the size of the establishment; most large establishments are therefore in the sample. Self-employed persons, domestic workers and others not on a regular civilian payroll are outside the scope of the survey because they are excluded from establishment records.

Definitions:

Employed persons are all persons who received pay (including holiday and sick pay) for any part of the payroll period including the 12th of the month. Persons holding more than one job are counted in each establishment which reports them. From a sample composed of establishments reporting for both the previous and the current months, the ratio of current employment to that of the previous month is computed. This is called a link relative. The estimates of employment for the current month are obtained by multiplying the estimates for the previous month by these link relatives.

Production workers in manufacturing include blue-collar worker supervisors and all nonsupervisory workers closely associated with production operations.

Hours represent the average weekly hours of production of nonsupervisory workers for which pay was received and is different from standard or scheduled hours. Such factors as unpaid absenteeism, labor turnover, part-time work and stoppages cause average weekly hours to be lower than scheduled hours of work for an establishment. Group averages further reflect changes in the workweek of component industries.

Earnings are the payments production or nonsupervisory workers receive during the survey period, including premium pay for overtime or late-shift work, but excluding irregular bonuses and other special payments. Average hourly earnings are on a gross basis, reflecting not only changes in basic hourly and incentive wage rates, but also such variable factors as premium pay for overtime and late-shift work and changes in output of workers paid on an incentive plan. Shifts in the volume of employment between relatively high-paid and low-paid work and changes in workers' earnings in individual establishments also affect the general averages. Averages for groups and divisions further reflect changes in average hourly earnings for individual industries.

Benchmark Adjustments. Employment estimates are compared periodically with comprehensive counts of employment which provide "benchmarks" for the various nonagricultural industries, and appropriate adjustments are made. The primary sources of benchmark information are employment data, by industry, compiled quarterly by the Virginia Employment Commission from reports of establishments covered under the unemployment insurance laws.

Reliability of Employment Estimates. The BLS establishment sample covers approximately 43.5 percent of the total employment for the state. Since small sampling and response errors cumulate over several months, there was a 0.8 percent adjustment in benchmark levels for the first quarter 1985 benchmark.

Labor force and unemployment estimates for the State and standard metropolitan statistical areas are developed by the Virginia Employment Commission under a federal-state cooperative program. Estimates are derived from standardized procedures developed by the Bureau of Labor Statistics.

This publication is prepared on a monthly schedule by the Economic Information Services Division of the Virginia Employment Commission for use by private and public sector activities. Comments and suggestions regarding content are welcomed and may be addressed to:

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